

CLAIMS:

1. A fuel oil composition comprising a middle distillate having a sulfur content of up to 0.05% by weight and reaction products of

A) mono- or dicarboxylic acids of 6 to 50 carbon atoms and

B) primary, secondary or tertiary amines of the formula



where R^1 is branched alkyl of 3 to 18 carbon atoms and R^2 and R^3 are independently hydrogen, R^1 or alkyl of 1-12 carbon atoms.

2. A fuel oil composition as claimed in claim 1, wherein A is a mono- or dicarboxylic acid of 12 to 22 carbon atoms.

3. A fuel oil composition as claimed in claim 1, wherein B comprises such carboxylic acids as contain one or more double bonds.

4. A fuel oil composition as claimed in claim 1, wherein R^1 is branched C_4 - C_{12} -alkyl.

5. A fuel oil composition as claimed in claim 1, wherein R^2 and/or R^3 is or are branched C_4 - C_{12} -alkyl.

6. A fuel oil composition as claimed in claim 1, wherein R^2 and/or R^3 is or are hydrogen, methyl, ethyl, propyl or butyl.

7. A fuel oil composition as claimed in claim 1, wherein the branching site of the alkyl radical is a tertiary carbon atom.

8. A fuel oil composition as claimed in claim 1, wherein the branching site of the alkyl radical contains the bond to the nitrogen.

9. A fuel oil composition as claimed in claim 1, wherein the amines used are selected from isopropylamine, isobutylamine, 2-aminobutane, 3-methylbutylamine, 2-amylamine, 3-amylamine, tert-amylamine, 2-ethylhexylamine, isononylamine, di-sec-butylamine, di-2-amylamine, di-3-amylamine, di-tert-amylamine, di(2-ethylhexyl)amine, diisononylamine and also mixtures thereof.

10. Use of reaction product of

- A) mono- or dicarboxylic acids of 6 to 50 carbon atoms and
- B) primary, secondary or tertiary amines of the formula



where R^1 is branched alkyl of 3 to 18 carbon atoms and R^2 and R^3 are independently hydrogen, R^1 or alkyl of 1-12 carbon atoms, for enhancing the lubricity of middle distillates having a sulfur content of up to 0.05% by weight.

11. An additive for enhancing the lubricity of middle distillates having a sulfur content of up to 0.05% by weight, comprising reaction products of

- A) mono- or dicarboxylic acids of 6 to 50 carbon atoms and
- B) primary, secondary or tertiary amines of the formula



where R^1 is branched alkyl of 3 to 18 carbon atoms and R^2 and R^3 are independently hydrogen, R^1 or alkyl of 1-12 carbon atoms.